BRUHATH BANGALORE MAHANAGARA PALIKE,

Office of the Executive Engineer Dasarahalli Division,

SHEDULE B

NAME OF WORK: Improvments to roads and drains at Babanna layout colony roads in ward No 12 Shettyhalli, Shettyhalli Sub Division

Sl. No	Description of work	Unit	Qty	Sanctioned rates	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods Complete as per specification and direction of Engineer-in-charge of the work.	Cum	689.78	175.96	Rs one hundred seventy sive and paise ninty six only
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing Complete as per specification and direction of Engineer-in-charge of the work.	cum	210.59	5159.02	Rs five thousand one hundred fifty nine and paise two only

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3	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, Complete as per specification and direction of Engineer-in-charge of the work.	Cum	147.53	6371.66	Rs six thousand three hundred seventy one and paise sixty six only
4	Providing and removing centering, shuttering, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour Complete as per specification and direction of Engineer-in-charge of the work.	sqm	715.60	310.58	Rs three hundred ten and paise fifty eight only
5	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specification and direction of Engineer-in-charge of the work.	Tonne	9.02	64243.42	Rs sixty four thousand two hundred forty three and paise forty two only
6	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	370.80	1680.00	Rs one thousand six hundred eighty only

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7	ement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 **design mix M20**/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing Complete as per specification and direction of Engineer-in-charge of the work.	cum	155.1	5508.82	Rs five thosand five hundred and eight and paise eighty two only
8	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift Complete as per specification and direction of Engineer-in-charge of the work.	sqm	800.00	95.4	Rs ninty four and paise forty only

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